0083_unpack_list_tuple

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1 Automatically passing unpacked lists or tuples to a function (or why do you see * before lists and tuples)

Imagine we have a very simple function that adds three numebrs together:

We would normally pass separate numebrs to the function, e.g.

```
In [2]: add_three_numbers (10, 20, 35)
Out[2]: 65
```

But what if our numbers are in a list or a tuple. If we pass that as a list then we are passing only a single argument, and the function declares an error:

Python allows us to pass the list or tuple with the instruction to unpack it for input into the function. We instruct Python to unpack the list/tuple with an asterix before the list/tuple:

```
In [4]: add_three_numbers (*my_list)
Out[4]: 65
```